Advanced AutoCAD Civil 3D 2012 Training Agenda for CRAB
April 10th – 12th, 2012

Presented by

TUES	Advanced Project Setup and Roadway Design
9:00 pm – 5:00 pm	**Overview CRAB 2012 Template Drawing** • Review the CRAB 2011 template drawing prepared for Civil 3D starters. **Data Shortcuts & External References** • Review solutions to manage project data and share project information with multiple users on a Civil 3D project. **Advanced Roadway Design** • Apply alignment and profile targets to Assemblies and Corridors for lane transitioning and more complex road designs.
WED	**Roadway Reconstruction**
9:00 am – 12:00 pm 1:00 pm – 5:00 pm	**Advanced Roadway Design continued…** **Roadway Reconstruction** • Setup alignments, profiles, and assemblies to use on reconstruction projects. • Calculate quantities and prepare final deliverables.
THUR	**Intersection Design**
9:00 am – 5:00 pm	**Intersection Design** • Create intersection Assemblies to use for Intersection Design in Civil 3D. • Create an intersection corridor and merge corridors. • Calculate quantities and prepare final deliverables. **Feature Line Grading** • Incorporate feature lines into intersection grading. • Creating composite surfaces. **Design a Culvert using Corridors** • Create a culvert assembly from polylines • Grade a culvert using a Corridor • Calculate quantities.